

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A monitoring system for monitoring of a physiological activity of a recipient, comprising a set of electrodes having a working surface to be brought into a contact with the recipient's skin, said system being characterized in that each electrode comprises a body of an electrically conductive elastic material with the working surface exhibiting projections so as to enable a substantially constant position of the contact with the recipient's skin.
2. (original) A system according to claim 1, characterized in that the projections are arranged in a substantially uniform distributed pattern over the working surface with spacings between them.
3. (original) A system according to claim 2, characterized in that the projections comprise metal particles.
4. (currently amended) A system according to ~~any of the preceding claims~~claim 1, characterized in that the electrode body is sandwiched between two layers of insulating material, tips of the

projections being arranged to extend beyond a body of a isolating layer.

5. (currently amended) A system according to ~~any of the preceeding~~
~~elaims~~claim 1, characterized in that said system is a cardiac
arrest monitoring system.

6. (currently amended) A system according to ~~any of the preceeding~~
~~elaims~~claim 1, characterized in that the electrodes are mounted on
a fabric-based elastic belt of a wearable garment.

7. (currently amended) An electrode structure for use in a
monitoring system according to ~~any of the preceeding elaims~~claim 1.